

What is claimed is:

1. A folding and portable electric scooter comprising a body member, a cover member, a seat frame and two handles, wherein interior of the body member is installed a transmission device comprising an electric motor, a battery and a belt; a front wheel and a rear wheel are pivot jointed to a front and rear end of the body member respectively, and a foot stand is fixedly positioned to a side of the body member; the electric motor drives the belt, and the belt wraps round a hub at a side of the rear wheel; and is characterized in that:
 - the cover member is pivot jointed to a wheel frame of the front wheel, and the two handles are configured on a moveable end of the cover member; an reverse U-shaped bracket is bolted onto the cover member, and an reverse U-shaped fastening bracket is configured atop the reverse U-shaped bracket; each end of the fastening bracket is downwardly bent to respectively form a neck, and a fastening hook is respectively configured on each of the necks thereof, fastening holes defined in handle bars provide for the fastening hooks of the fastening bracket to hook and fasten position thereinto; a recess hole is defined on each of two ends atop the fastening bracket, and a fixing bolt is bolted into each of the recess holes, moreover, the fastening bracket utilizes the fixing bolts to alter position within the recess holes, and thereby facilitate fastening down or loosening of the handles; upon the electric scooter being folded away, the cover member completely covers the body member, and when the electric scooter is in usage, the cover member functions as a front frame for the electric scooter;

a seat is installed atop the seat frame configured at a tail end of the body member, and the seat frame can be folded away into the body member; a bar is respectively bolted to each of two front sides of the seat frame, and a movable strip is configured interior of each of the bars, a holding bar is
5 configured between and joins extremities of the two moveable strips; a hook eye is respectively defined in each of the bars and provide for inclined wedge pieces to respectively fasten thereinto; a spring is connected to an underside of each of the wedge pieces; pushing down on the holding bar thereby enables the moveable strips to outwardly push
10 the wedge pieces, and thus separate the wedge pieces from being fastened in the hook eyes, whereupon the seat frame can be folded down, if the seat frame is lightly pulled back to an upright position, a fastening is utilized to fix position and thereby enable formation of a seat.

2. The folding and portable electric scooter in accordance with claim 1,
15 wherein a foldaway carry handle is configured on top of the cover member, a headlight is configured at a side of the carry handle; a power switch and a battery charge switch cover are configured on a side face of the cover member, and a folding panel is configured on a frontal section at a tail end of the cover member.

20 3. The folding and portable electric scooter in accordance with claim 1, wherein a brake device is bolted to the handle, and the brake is connected to a braking system by means of a brake cable.

4. The folding and portable electric scooter in accordance with claim 1,
25 wherein a loose pull-bar is configured on a back of the cover member, and upwardly pulling on the loose pull-bar tugs on two pull cables,

- whereupon the two pull cables respectively actuate two fastening hooks to disengage fastening from a locating hole of the wheel frame of the front wheel of the cover member and a fastening edge of a rear wheel frame of the body member, thereby opening up the electric scooter;
- 5 when folding away the electric scooter, pulling up on the loose pull-bar tugs the two pull cables, and actuates the fastening hook to disengage fastening from the locating hole, thereby enabling folding away of the front frame.
5. The folding and portable electric scooter in accordance with claim 1,
- 10 wherein two auxiliary wheels are configured on a frontal section of the front wheel of the body member, and a pull rod is configured on a frontal section of the cover member, upon folding away, pulling on the pull rod thereby enables the electric scooter to be pulled along ground by means of the auxiliary wheels.
- 15 6. The folding and portable electric scooter in accordance with claim 1, wherein a brake light is configured at a rear of the seat installed atop the seat frame.